



JOINT DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As the below named inventors, we hereby declare that:

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	We believe that on entitled <u>APPAI</u> cation of which	t we are the original, first and jo RATUS AND METHOD FO	oint inventors of the subject DR DETECTING AND (matter which is claimed and for CALCULATING GROUN	or which a patent is sought or D FAULT RESISTANCE
	is attachedwas filed ois an	l hereto. nas Application Seria International Application, PCT Ap	al Numberand	d was amended onfiled on	(if applicable)
any am		e that we have reviewed and und to in this declaration.	erstand the contents of the a	bove identified specification, in	ncluding the claims, as amende
§ 1.56(ge the duty to disclose all informa	ation known to us to be mate	erial to the patentability of this a	application, as defined in 37 C.
becam	We acknowledg e available betwee	ge the duty to disclose to the Of n the filing date of the prior applic	ffice all information known to cation and the national or PC	o us to be material to patentab T international filing date of the	pility as defined in § 1.56(a), we continuation-in-part application
		•	Prior Foreign Application	on(s)	
certifica	We hereby clai ate listed below an ation on which prior	im foreign priority benefits unde d have also identified below any ity is claimed:	er Title 35, United States C foreign application(s) for pa	ode, § 119 of any foreign app	olication(s) for patent or inven
131				toric of involver of continuous ha	ving a filing date before that o
ATT	Country	Application Number	Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed Under
	Country		_	Date of Issue	Priority Claimed Under 35 U.S.C. 119 Yes □ No □
	Country		_	Date of Issue	Priority Claimed Under 35 U.S.C. 119
Ā.		Application Number	(day, month, year) United States Provisional	Date of Issue (day, month, year) Application(s)	Priority Claimed Under 35 U.S.C. 119 Yes
thirth thirth think thinks if the	I hereby claim t	Application Number Prior L	(day, month, year) United States Provisional	Date of Issue (day, month, year) Application(s) United States provisional application of Filing	Priority Claimed Under 35 U.S.C. 119 Yes No Yes No No
	I hereby claim t	Application Number Prior U	(day, month, year) United States Provisional	Date of Issue (day, month, year) Application(s) United States provisional appl	Priority Claimed Under 35 U.S.C. 119 Yes No Yes No No I

Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, §§ 120 and 365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial Number	Date of Filing (day, month, year)	Status - Patented, Pending, Abandoned

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys, their registration numbers being listed after their names:

Thomas J. Scott, Jr., Registration No. 27,836; Stanislaus Aksman, Registration No. 28,562; Christopher C. Campbell, Registration No. 37,291; Patrick Doody, Registration No. 35,022; Jennifer A. Albert, Registration No. 32,012; Michael Martinez, Registration No. 37,178; Robert M. Schulman, Registration No. 31,196; Thomas E. Anderson, Registration No. 37,063; Brian M. Buroker, Registration No. 39,125; Charles F. Hollis, Registration No. 40,650; Jonathan D. Link, Registration No. 41,548; Kevin T. Duncan, Registration No. 41,495; Scott D. Balderston, Registration No. 35,436; Yisun Song, Registration No. 44,487; Kerry Owens, Registration No. 37,412; Andrew J. Ririe, Registration No. 45,597; Carl L. Benson, Registration No. 38,378; David D'Zurilla, Registration No. 43,600; Donald J. Lecher, Registration No. 41,933; Robin C. Clark, Registration No. 40,956; Herbert V. Kerner, Registration No. 42,721; Nancy J. Flint, Registration No. 46,704; Stuart I. Smith, Registration No. 42,159, Ozzie Farres, Registration No. 43,606; David H. Milligan, Registration No. 42,893; Scott F. Yarnell, Registration No. 45,245; David E. Baker, Registration No. 42,285; James R. Miner, Registration No. 40,444; Nancy J. Jensen, Registration No. 45,913; Christopher J. Forstner, Registration No. 46,049; Samson Vermont, Registration No. 42,202; Michael P.F. Phelps, Registration No. 48,654; Stephen T. Schreiner, Registration No. 43,097; and Tyler Maddry, Registration No. 40,074 all of HUNTON & WILLIAMS.

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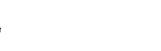
All correspondence and telephone communications should be addressed to Hunton & Williams, 1900 K Street, N.W., Washington, D.C. 20006-1109, telephone number (202) 955-1500, which is also the address and telephone number of each of the above listed attorneys.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by affine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity for the application or any patent issuing thereon.

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